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February 1997 **ACM SIGDOC Asterisk Journal of Computer Documentation**, Volume 21 Issue 1
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**2   Internationalizing online information**                    ◨
Carla Kary Merrill, Marjorie Shanoski
November 1992 **Proceedings of the 10th annual international conference on Systems documentation**
Full text available: 📄 pdf(694.59 KB)   Additional Information: full citation, references, citings, index terms

**3   Alphabet Soup: The internationalization of Linux, Part 2**                    ▢
Stephen Turnbull
April 1999 **Linux Journal**
Full text available: 🌐 html(41.08 KB)   Additional Information: full citation, abstract, references, index terms

    Mr. Turnbull takes a look at the problems faced with different character sets and the need for standardization

**4   XJp system: an internationalized language interface for the X Window system**                    ▢
Masato Morisaki, Etsuo Kawada, Hiroshi Kuribayashi, Seiji Kuwari, Masahiko Narita
October 1991 **Proceedings of the 4th annual ACM symposium on User interface software and technology**
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**5   Perspectives on design and internationalization**                    ▢
John Karat, Clare-Marie Karat
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**6** Internationalizing Messages in Linux Programs	☐
Pancrazio de Mauro
March 1999 **Linux Journal**

Full text available: ☐ html(14.28 KB)	Additional Information: full citation, abstract, index terms

An introduction to the GNU gettext system for producing multilingual programs

**7** Introduction to internationalization programming	☐
Olexiy Ye Tykhomyrov
November 2002 **Linux Journal**, Volume 2002 Issue 103

Full text available: ☐ html(20.44 KB)	Additional Information: full citation, abstract, index terms

When your software gets new users who prefer a different language, what are you going to
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when different character sets and the need for standardization

**11** Towards a multi-lingual workflow system: a practical outlook	☐
Bastin Tony Roy Savarimuthu, Maryam Purvis
January 2004 **Proceedings of the second workshop on Australasian information
security, Data Mining and Web Intelligence, and Software
Internationalisation - Volume 32**

Full text available: ☐ pdf(615.95 KB)	Additional Information: full citation, abstract, references

Due to rapid development in the global market, workflow systems are not limited to a single
country. Electronic business, like workflows span across countries and hence there arises
the need for understanding among the users of the system to operate/use them in their
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imperative that it should be internationalized as some of the processes/sub-processes of
the workflow might be in a different country and the people i ...

**Keywords:** internationalization, localization, re-factoring, separation, simulation, workflow

**12** 2.1: National language architecture
G. D. A. (David) Weston
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Full text available: pdf(639.73 KB)    Additional Information: full citation, abstract, references

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**13** Postmodern critique of teaching and learning support systems at an internet distance
Robert H. Barbour
September 2004 **ACM SIGCAS Computers and Society**, Volume 34 Issue 2

Full text available: html(207.78 KB)   Additional Information: full citation, abstract, references

Projecting computing education trends forward into the near future in order to better understand the implications of present changes is a postmodern education research agenda. Such speculations are informed by present day events. Setting observed changes in computing education policy and practice against a constructivist theoretical framework based on semiotics points up the issues and contradictions in globalization trends. The emergent issues of expanding western hegemony and a flattening of c ...

**14** A practical approach to internationalizing information systems & computer science courses (seminar)
Janet L. Kourik
March 1998 **ACM SIGCSE Bulletin , Proceedings of the twenty-ninth SIGCSE technical symposium on Computer science education**, Volume 30 Issue 1

Additional Information: full citation, abstract, index terms

The IS '97 Model Curriculum reaffirmed the need to prepare information technology students to work effectively in an international environment. Yet, as computer science educators, we face a never-ending struggle to stay current in our field. How can we incorporate yet another educational goal in the curriculum? What is "internationalization"? What form might "internationalization" take in our courses? This seminar will answer some basic questions about internationalizing our courses. In addition ...

**15** Issues in end user software internationalization
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**16** A comparative study of information system curriculum in U.S. and foreign universities
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February 1994 **ACM SIGMIS Database**, Volume 25 Issue 1

Full text available: pdf(1.09 MB)    Additional Information: full citation, abstract, index terms

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broadening the scope to incorporate international business environment forces.This research provides the IS academic community with insights into IS curriculumin busi ...

**Keywords**: foreign education, information systems education, international curriculum

**17** How fluent is your interface?: designing for international users
Patricia Russo, Stephen Boor
May 1993  **Proceedings of the SIGCHI conference on Human factors in computing systems**

Full text available: pdf(636.80 KB)     Additional Information: full citation, abstract, references, citings, index terms

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Full text available: pdf(202.45 KB)     Additional Information: full citation, abstract, references, citings, index terms

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**Keywords**: computing metaphor, cross-cultural usability, digital library, globalization, indigenous culture, localization

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**1   Applications: Spatialized audio rendering for immersive virtual environments**
Martin Naef, Oliver Staadt, Markus Gross
November 2002 **Proceedings of the ACM symposium on Virtual reality software and technology**

Full text available: 📄 pdf(917.70 KB)     Additional Information: full citation, abstract, references, citings, index terms

We present a spatialized audio rendering system for the use in immersive virtual environments. The system is optimized for rendering a sufficient number of dynamically moving sound sources in multi-speaker environments using off-the-shelf audio hardware. Based on simplified physics-based models, we achieve a good trade-off between audio quality, spatial precision, and performance. Convincing acoustic room simulation is accomplished by integrating standard hardware reverberation devices as used i ...

**Keywords:** 3D audio, spatially immersive display, virtual reality

**2   Data and Content: MarconiNet supporting streaming media over localized wireless multicast**
Ashutosh Dutta, Subir Das, Wai Chen, Anthony McAuley, Henning Schulzrinne, Onur Altintas
September 2002 **Proceedings of the 2nd international workshop on Mobile commerce**

Full text available: 📄 pdf(464.72 KB)     Additional Information: full citation, abstract, references, citings, index terms

Flexible multi-media streaming such as advertisment insertion, location based services, mobility and wireless access are vital components that make existing Internet Radio and TV networks more attractive for the roaming users. All of these applications also provide added value to telematics, and military usage including coordination, education, situation awareness, distributed simulation, battlefield communication and multi-player games. While content distribution over a wired network can be rea ...

**Keywords:** join/leave latency, marconinet, multicast, streaming

**3   Localization of web content**
Daniel Brandon
December 2001 **Journal of Computing Sciences in Colleges**, Volume 17 Issue 2

Full text available: 📄 pdf(266.53 KB)     Additional Information: full citation, references, index terms

**4**  The click modular router

Eddie Kohler, Robert Morris, Benjie Chen, John Jannotti, M. Frans Kaashoek

August 2000 **ACM Transactions on Computer Systems (TOCS)**, Volume 18 Issue 3

Full text available: pdf(376.31 KB)     Additional Information: full citation, abstract, references, citings, index terms

Clicks is a new software architecture for building flexible and configurable routers. A Click router is assembled from packet processing modules called elements. Individual elements implement simple router functions like packet classification, queuing, scheduling, and interfacing with network devices. A router configurable is a directed graph with elements at the vertices; packets flow along the edges of the graph. Several features make individual elements more powerful and ...

**Keywords**: component systems, routers, software router performance

**5**  Renaissance: a cross-platform development tool for Linux and Mac OS X

Ludovic Marcotte

March 2004 **Linux Journal**, Volume 2004 Issue 119

Full text available: html(22.88 KB)     Additional Information: full citation, abstract

Use this XML-based tool to build the same software on Linux andMac OS X.

**6**  Mobile objects in distributed Oz

Peter Van Roy, Seif Haridi, Per Brand, Gert Smolka, Michael Mehl, Ralf Scheidhauer

September 1997 **ACM Transactions on Programming Languages and Systems (TOPLAS)**,
Volume 19 Issue 5

Full text available: pdf(484.83 KB)     Additional Information: full citation, abstract, references, citings, index terms

Some of the most difficult questions to answer when designing a distributed application are related to mobility: what information to transfer between sites and when and how to transfer it. Network-transparent distribution, the property that a program's behavior is independent of how it is partitioned among sites, does not directly address these questions. Therefore we propose to extend all language entities with a network behavior that enables efficient distributed programm ...

**Keywords**: latency tolerance, mobile objects, network transparency

**7**  Location: Wireless LAN location-sensing for security applications

Ping Tao, Algis Rudys, Andrew M. Ladd, Dan S. Wallach

September 2003 **Proceedings of the 2003 ACM workshop on Wireless security**

Full text available: pdf(185.73 KB)     Additional Information: full citation, abstract, references, citings, index terms

This paper considers the problem of using wireless LAN location-sensing for security applications. Recently, Bayesian methods have been successfully used to determine location from wireless LAN signals, but such methods have the drawback that a model must first be built from training data. The introduction of model error can drastically reduce the robustness of the location estimates and such errors can be actively induced by malicious users intent on hiding their location. This paper provides a ...

**Keywords**: 802.11, localization, mobile systems, probabilistic analysis, wireless networks

**8** IDMaps: a global internet host distance estimation service

Paul Francis, Sugih Jamin, Cheng Jin, Yixin Jin, Danny Raz, Yuval Shavitt, Lixia Zhang
October 2001 **IEEE/ACM Transactions on Networking (TON)**, Volume 9 Issue 5

Full text available: 🔲 pdf(267.64 KB)　　Additional Information: full citation, abstract, references, citings, index terms

There is an increasing need to quickly and efficiently learn network distances, in terms of metrics such as latency or bandwidth, between Internet hosts. For example, Internet content providers often place data and server mirrors throughout the Internet to improve access latency for clients, and it is necessary to direct clients to the nearest mirrors based on some distance metric in order to realize the benefit of mirrors. We suggest a scalable Internet-wide architecture, called IDMaps, which m ...

**Keywords:** Distributed algorithms, modeling, network service, scalability

**9** Q focus: patch and deploy: Understanding software patching

Joseph Dadzie
March 2005 **Queue**, Volume 3 Issue 2

Full text available: 🔲 pdf(302.51 KB) .　Additional Information: full citation, abstract
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Developing and deploying patches is an increasingly important part of the software development process.

**10** Characterizing user behavior and network performance in a public wireless LAN

Anand Balachandran, Geoffrey M. Voelker, Paramvir Bahl, P. Venkat Rangan
June 2002 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 2002 ACM SIGMETRICS international conference on Measurement and modeling of computer systems**, Volume 30 Issue 1

Full text available: 🔲 pdf(606.26 KB)　Additional Information: full citation, abstract, references, citings

This paper presents and analyzes user behavior and network performance in a public-area wireless network using a workload captured at a well-attended ACM conference. The goals of our study are: (1) to extend our understanding of wireless user behavior and wireless network performance; (2) to characterize wireless users in terms of a parameterized model for use with analytic and simulation studies involving wireless LAN traffic; and (3) to apply our workload analysis results to issues in wireless ...

**11** Linux Means Business

Daniel Dee, Nielsen
May 1999 **Linux Journal**

Full text available: 🔲 html(15.43 KB)　Additional Information: full citation, abstract, index terms

Upgrading Linux Over the Internet: A real life experience in remote upgrading of a Linux PC across the Pacific Ocean

**12** A game experience in every application: Tracking contact and free gesture across large interactive surfaces

Joseph A. Paradiso
July 2003 **Communications of the ACM**, Volume 46 Issue 7

Full text available: 🔲 pdf(321.86 KB)　Additional Information: full citation, abstract, references, citings, index terms
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Built into store windows, museum exhibits, and other communal spaces, these surfaces

entice even casual passersby to playfully interact with information---and each other---by knocking on the glass.

**13** The protection of computer facilities and equipment: physical security
T. E. Diroff
July 1978  **ACM SIGMIS Database**, Volume 10 Issue 1

Full text available: pdf(999.46 KB)    Additional Information: full citation, abstract, references

Members of a Senate investigating committee recently journeyed to the Social Security office in Washington. While there, they gathered a few blank social security cards and data tapes, then proceeded to leave the premises unchallenged and unmolested.

**14** Localization: Practical robust localization over large-scale 802.11 wireless networks
Andreas Haeberlen, Eliot Flannery, Andrew M. Ladd, Algis Rudys, Dan S. Wallach, Lydia E. Kavraki
September 2004  **Proceedings of the 10th annual international conference on Mobile computing and networking**

Full text available: pdf(658.30 KB)    Additional Information: full citation, abstract, references, index terms

We demonstrate a system built using probabilistic techniques that allows for remarkably accurate localization across our entire office building using nothing more than the built-in signal intensity meter supplied by standard 802.11 cards. While prior systems have required significant investments of human labor to build a detailed signal map, we can train our system by spending less than one minute per office or region, walking around with a laptop and recording the observed signal intensities of ...

**Keywords**: 802.11, Bayesian methods, location-aware computing, mobile systems, topological localization, wireless networks

**15** The design of a handheld, location-aware guide for indoor environments
Carmine Ciavarella, Fabio Paternò
May 2004  **Personal and Ubiquitous Computing**, Volume 8 Issue 2

Full text available: pdf(442.86 KB)    Additional Information: full citation, abstract, index terms

Because of the growing spread of mobile and small devices (like PDAs, mobile phones, etc.), designers and developers of interactive systems have to consider user mobility and the dynamic context of use. In this paper we discuss the design criteria we have defined for developing handheld location-aware systems for indoor environments. We analyse some of the technologies currently available for this purpose and examine how to use them in order to obtain location-dependent information. We report on ...

**Keywords**: Design criteria, Handheld interactive systems, Indoor intelligent ambient, Location-aware guide

**16** Data management issues in electronic commerce: The n-tier hub technology
Rainer A. Sommer, Thomas R. Gulledge, David Bailey
March 2002  **ACM SIGMOD Record**, Volume 31 Issue 1

Full text available: pdf(438.08 KB)    Additional Information: full citation, abstract, references

During 2001, the Enterprise Engineering Laboratory at George Mason University was contracted by the Boeing Company to develop an eHub capability for aerospace suppliers in Taiwan. In a laboratory environment, the core technology was designed, developed, and tested, and now a large first-tier aerospace supplier in Taiwan is commercializing the technology. The project objective was to provide layered network and application services

for transporting XML-based business transaction flows across mult ...

**Keywords**: Extensible Markup Language (XML), Service Provider, Small and Medium Enterprises (SMEs), eHubs

**17** Routing and handoff in the edge mobility architecture

Alan O'Neill, M. Scott Corson, George Tsirtsis

October 2000 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 4 Issue 4

Full text available: pdf(1.75 MB)      Additional Information: full citation, abstract, index terms

We consider a future IP network architecture in which the core topology is fixed but where the hosts at the edge of the network may be mobile, as is the case in cellular networks. Within this architecture, Mobile-Enhanced Routing (MER) protocols are used to support the prefix-routed requirements of the fixed Internet, along with the movement of IP addresses allocated to mobile nodes. We outline a specific components for the support of such edge mobility (EMA:MER) that offers fixed/mobile IP netw ...

**18** Session 3B: robot architectures: On the development of cooperative behavior-based mobile manipulators

Bruno S. Pimentel, Guilherme A. S. Pereira, Mario M. F. M. Campos

July 2002 **Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 1**

Full text available: pdf(340.67 KB)      Additional Information: full citation, abstract, references, index terms

We present an approach to the problem of cooperative object transportation to be performed by a pair of autonomous mobile robots controlled with a behavior-based architecture. Inherent characteristics of this method such as simplicity, rapid development, robustness, and low memory and processing requirements have allowed us to implement a behavioral control system in rather simple, low-processing-power mobile platforms. Robot coordination may be achieved through either implicit or explicit commu ...

**Keywords**: behavior-based architecture, cooperative robotics, tightly coupled cooperation

**19** Exhibitions: _knowscape mobile at DIS2004, Cambridge

Christian Babski, Stephane Carion, Christophe Guignard, Patrick Keller

August 2004 **Proceedings of the 2004 conference on Designing interactive systems: processes, practices, methods, and techniques**

Full text available: pdf(105.77 KB)      Additional Information: full citation, abstract, index terms

_knowscape is a digital data territory and an experimental project: an electronic space made of links, connections, relations, knowledge. Initially _knowscape has been conceived as an alternative multi-user browser using data *tracking* and *profiling* techniques to question, to reverse them, so to finally produce open data territories, shared browsing experiences and *open users' profiles*._knowscape evolved and has become since 2003 a mobile downloadable space, a variable space with no fixed o ...

**Keywords**: knowledge spaces, microarchitecture, multi-users system

**20** Coordination models, languages and applications (CM): Self-maintained distributed tuples for field-based coordination in dynamic networks

Marco Mamei, Franco Zambonelli

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

Full text available: ▓ pdf(355.22 KB)     Additional Information: full citation, abstract, references, index terms

Field-based coordination is a very promising approach for a wide range of application scenarios in modern dynamic networks. To implement such an approach, one can rely on distributed tuples injected in a network and propagated to form a distributed data structure to be sensed by application agents. However, to gain the full benefits from such a coordination approach, it is important to enable the distributed tuples to preserve their structures despite the dynamics of the network. In this paper, ...

**Keywords**: distributed data structures, dynamic networks, field-based coordination, mobility, tuple spaces

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**2  Backend Database Systems**
Fred J. Maryanski
January 1980 **ACM Computing Surveys (CSUR)**, Volume 12 Issue 1
Full text available: pdf(1.33 MB)   Additional Information: full citation, references, citings, index terms

**3  A generic robot simulator**
D. L. Kimbler
January 1984 **Proceedings of the 16th conference on Winter simulation**
Full text available: pdf(285.01 KB)   Additional Information: full citation, abstract, references, index terms

A significant problem in both educational and industrial systems is access to development systems. Universities typically have neither funds nor space for a broad variety of industrial robots. Few manufacturing concerns can afford the luxury of robots dedicated to system development and training. An alternative to industrial robots is a physical simulation system. This system should include a robot capable of a broad range of motions and a controller capable of emulating robot co ...

**4  The real time system**
James F. Hubbert
December 1972 **ACM SIGMIS Database**, Volume 4 Issue 4
Full text available: pdf(553.76 KB)   Additional Information: full citation

**5  The Share 709 System: Input-Output Translation**
Vincent J. DiGri, Jane E. King
April 1959 **Journal of the ACM (JACM)**, Volume 6 Issue 2
Full text available: pdf(233.41 KB)   Additional Information: full citation, abstract, index terms

The 709 System Committee agreed from the start that the system, to be complete, should contain some provision for input and output translation at the program execution or customer level. The big problem was to specify a translation system that every 709 user could and would want to use. In contrast to assemblers, compilers, debugging systems and operational systems which are designed to simplify programming and to make a complete computing operation run smoothly, an input-output system must ...

**6** Standardized Programming Methods and Universal Coding
Saul Gorn
July 1957 **Journal of the ACM (JACM)**, Volume 4 Issue 3

Full text available: pdf(1.26 MB)   Additional Information: full citation, references, citings, index terms

**7** APLSV access to indexed sequential files
Gordon W. Chamberlain, Michael E. Massey
June 1975 **Proceedings of seventh international conference on APL**

Full text available: pdf(538.84 KB)   Additional Information: full citation, abstract, index terms

This paper describes a system which allows APLSV users to access standard IBM indexed sequential files. Included are APL functions which allow easy access to specific data fields within a record with automatic conversion of data to and from the APL Z-code representation and the external file format (binary, character, packed decimal, zoned decimal).

**8** Workshop on OODB implementation
Satish Thatte
January 1987 **ACM SIGPLAN Notices , Addendum to the proceedings on Object-oriented programming systems, languages and applications (Addendum)**, Volume 23 Issue 5

Full text available: pdf(1.49 MB)   Additional Information: full citation, citings, index terms

**9** The problem of programming communication with changing machines: a proposed solution
J. Strong, J. Wegstein, A. Tritter, J. Olsztyn, O. Mock, T. Steel
August 1958 **Communications of the ACM**, Volume 1 Issue 8

Full text available: pdf(935.43 KB)   Additional Information: full citation, citings

**10** Improving Java performance using hardware translation
Ramesh Radhakrishnan, Ravi Bhargava, Lizy K. John
June 2001 **Proceedings of the 15th international conference on Supercomputing**

Full text available: pdf(254.91 KB)   Additional Information: full citation, abstract, references, citings, index terms

State of the art Java Virtual Machines with Just-In-Time (JIT) compilers make use of advanced compiler techniques, run-time profiling and adaptive compilation to improve performance. However, these techniques for alleviating performance bottlenecks are more effective in long running workloads, such as server applications. Short running Java programs, or client workloads, spend a large fraction of their execution time in compilation instead of useful execution when run using JIT compilers. In ...

**11** Precedental data bases: how and why they are worked out and used

B. Pevzner
May 1988 **Proceedings of the 11th annual international ACM SIGIR conference on
Research and development in information retrieval**
Full text available: pdf(1.05 MB)　　Additional Information: full citation, abstract, index terms

> The concept of a "precedental data base" is introduced. It is a linguistic data base consisting
> of a dictionary of lexical patterns (clishes) and a dictionary of discourses. Some algorithms
> for textual information processing using precedental data bases are discussed in detail.
> These systems are installed on mainframe and minicomputers for test runs.

**12 A microcomputer APL*PLUS system implementation**
Phelps Gates
March 1983 **ACM SIGAPL APL Quote Quad , Proceedings of the international conference
on APL**, Volume 13 Issue 3
Full text available: pdf(318.39 KB)　　Additional Information: full citation, abstract, index terms

> The APL*PLUS/80 System, completed in early 1982, is the most complete microcomputer
> implementation of APL to date. It includes all of the traditional APL language primitives and
> most of the STSC APL*PLUS system enhancements. This paper considers some of the
> problems we encountered in squeezing an APL system of this size into a small computer
> and the stratagems used to overcome the problems. We then discuss some of the ways in
> which a microcomputer implementation gives opportunities to incre ...

**13 Algorithm 586: ITPACK 2C: A FORTRAN Package for Solving Large Sparse Linear
Systems by Adaptive Accelerated Iterative Methods**
David R. Kincaid, John R. Respess, David M. Young, Rober R. Grimes
September 1982 **ACM Transactions on Mathematical Software (TOMS)**, Volume 8 Issue 3
Full text available: pdf(1.27 MB)　　Additional Information: full citation, references, citings, index terms

**14 An implementation of a code generator specification language for table driven code
generators**
Peter L. Bird
June 1982 **ACM SIGPLAN Notices , Proceedings of the 1982 SIGPLAN symposium on
Compiler construction**, Volume 17 Issue 6
Full text available: pdf(843.73 KB)　　Additional Information: full citation, abstract, references, citings, index
terms

> This paper discusses an implementation of Glanville's code generator generator for
> producing a code generator for a production Pascal compiler on an Amdahl 470. We
> successfully replaced the hand written code generator of an existing compiler with one
> which was produced automatically from a formal specification. This paper first outlines
> Glanville's original scheme, then describes extensions which were necessary for generating
> code for a production compiler.

**15 Exploiting high-level coherence information to optimize distributed shared state**
DeQing Chen, Chunqiang Tang, Brandon Sanders, Sandhya Dwarkadas, Michael L. Scott
June 2003 **ACM SIGPLAN Notices , Proceedings of the ninth ACM SIGPLAN symposium
on Principles and practice of parallel programming**, Volume 38 Issue 10
Full text available: pdf(841.96 KB)　　Additional Information: full citation, abstract, references, index terms

> InterWeave is a distributed middleware system that supports the sharing of strongly typed,
> pointer-rich data structures across a wide variety of hardware architectures, operating
> systems, and programming languages. As a complement to RPC/RMI, InterWeave facilitates
> the rapid development of maintainable code by allowing processes to access shared data
> using ordinary reads and writes.Internally, InterWeave employs a variety of aggressive

optimizations to obtain significant performance improvements ...

**16** <u>An introduction to ALGOL: a tutorial paper on ALGOL with explanations and examples</u> <u>to make the use of the ALGOL report more familiar</u>
H. R. Schwarz
February 1962 **Communications of the ACM**, Volume 5 Issue 2
Full text available: pdf(1.53 MB)      Additional Information: <u>full citation, references, citings</u>

**17** <u>Coyote: a system for constructing fine-grain configurable communication services</u>
Nina T. Bhatti, Matti A. Hiltunen, Richard D. Schlichting, Wanda Chiu
November 1998 **ACM Transactions on Computer Systems (TOCS)**, Volume 16 Issue 4

Full text available: pdf(290.21 KB)      Additional Information: <u>full citation, abstract, references, citings, index terms</u>

Communication-oriented abstractions such as atomic multicast, group RPC, and protocols for location-independent mobile computing can simplify the development of complex applications built on distributed systems. This article describes Coyote, a system that supports the construction of highly modular and configurable versions of such abstractions. Coyote extends the notion of protocol objects and hierarchical composition found in existing systems with support for finer-grain microprotocol ob ...

**Keywords**: x-kernal, configurable sevices, customization, event handlers, event-driven execution, membership, microprotocols, mobile computing, modularity, multicast, protocols, remote procedure call

**18** <u>Session 12B: Facility location with Service Installation Costs</u>
David B. Shmoys, Chaitanya Swamy, Retsef Levi
January 2004 **Proceedings of the fifteenth annual ACM-SIAM symposium on Discrete algorithms**
Full text available: pdf(268.23 KB)      Additional Information: <u>full citation, abstract, references, citings</u>

We consider a generalization of the uncapacitated facility location problem which we call *Facility Location with Service Installation Costs*. We are given a set of facilities, $F$, a set of demands or clients $D$, and a set of services $S$. Each facility $i$ has a *facility opening cost fi*, and we have a *service installation cost* of $f_i$ for every facility-service pair $(i, I)$. Each client $j$ in $D$ ...

**19** <u>How to Install and configure Oracle on Linux</u>
Greg Flannery
November 1999 **Linux Journal**
Full text available: html(38.18 KB)      Additional Information: <u>full citation, abstract, index terms</u>

A step by step demonstration of the Oracle installation process

**20** <u>Installation and configuration of FreeBSD</u>
Sean Eric Fagan
January 1999 **Linux Journal**
Full text available: html(22.29 KB)      Additional Information: <u>full citation, abstract, references, index terms</u>

Here's how to set up a web server using another freely available operating system, FreeBSD, a high performance, mature, UNIX-like system

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